

Appl. No. : 10/063,514
Filed : May 1, 2002

AMENDMENTS TO THE CLAIMS

1-3. (Canceled).

4. (Currently Amended) ~~The~~ An isolated polypeptide ~~of Claim 1~~ having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10;

(b) the amino acid sequence of ~~the extracellular domain of~~ the polypeptide having the amino acid sequence of amino acids ~~34-321 of SEQ ID NO: 10 wherein said extracellular domain is~~ amino acids 81-109 or 232-253 of SEQ ID NO: 10; or

(c) the amino acid sequence of the polypeptide encoded by ~~the full-length coding sequence of~~ nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922;

wherein said isolated polypeptide is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

5. (Currently Amended) The isolated polypeptide of ~~Claim 1~~ Claim 4 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10;

(b) the amino acid sequence of ~~the extracellular domain of~~ the polypeptide having the amino acid sequence of amino acids ~~34-321 of SEQ ID NO: 10 wherein said extracellular domain is~~ amino acids 81-109 or 232-253 of SEQ ID NO: 10; or

(c) the amino acid sequence of the polypeptide encoded by ~~the full-length coding sequence of~~ nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922;

wherein said isolated polypeptide is more highly expressed in normal lung tissue compared to lung tumor, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal lung tissue compared to lung tumor.

6. (Currently Amended) An isolated polypeptide comprising:

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(a) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10;

(b) the amino acid sequence of ~~the extracellular domain of~~ the polypeptide having the amino acid sequence of amino acids ~~34-321 of SEQ ID NO: 10 wherein said extracellular domain is~~ amino acids 81-109 or 232-253 of SEQ ID NO: 10; or

(c) the amino acid sequence of the polypeptide encoded by ~~the full-length coding sequence of~~ nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922.

7. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10.

8. (Canceled).

9. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of ~~the extracellular domain of~~ the polypeptide having the amino acid sequence of amino acids ~~34-321 of SEQ ID NO: 10 wherein said extracellular domain is~~ amino acids 81-109 or 232-253 of SEQ ID NO: 10.

10. (Canceled).

11. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by ~~the full-length coding sequence of~~ nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922.

12. (Currently amended) A chimeric polypeptide comprising a polypeptide according to ~~Claim 1~~ Claim 4 fused to a heterologous polypeptide.

13. (Currently amended) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is ~~an epitope~~ a tag polypeptide or an Fc region of an immunoglobulin.

14. (New) An isolated polypeptide having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10;

(b) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 81-109 or 232-253 of SEQ ID NO: 10; or

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(c) the amino acid sequence of the polypeptide encoded by nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:10 in lung tissue samples.

15. (New) The isolated polypeptide of Claim 14 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 34-321 of SEQ ID NO: 10;

(b) the amino acid sequence of the polypeptide having the amino acid sequence of amino acids 81-109 or 232-253 of SEQ ID NO: 10; or

(c) the amino acid sequence of the polypeptide encoded by nucleotides 100-966 of the cDNA deposited under ATCC accession number 209922;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:10 in lung tissue samples.

16. (New) A chimeric polypeptide comprising a polypeptide according to Claim 14 fused to a heterologous polypeptide.

17. (New) The chimeric polypeptide of Claim 16, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.